PROCEEDINGS OF THE

ROYAL ENTOMOLOGICAL SOCIETY

OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 9. No. 3, 1944.

GENERAL MEETING

WEDNESDAY, 5th APRIL, 1944, **at 3.30 p.m.**

AGENDA

1. Confirmation of the Proceedings of the General Meeting held on 1st March, 1944.
2. Recommendations of candidates for Fellowship.
3. Announcement of election of new Fellows.
4. The following additions have been made to the Library since the meeting on 1st March, 1944.

Presented.

Darwin, C.: *The descent of man, and selection in relation to sex.* Second edition, revised and augmented, 1885. [Dr. B. M. Hobby.]

Snelgrove, L. E.: *The introduction of queen bees.* Second edition, 1943. [The author.]

Snelgrove, L. E.: *Swarming—its control and prevention.* Seventh edition, 1943. [The author.]

Evans, J. W.: *Insect pests and their control.* Dept. Agric., Hobart, Tasmania, 1943. [The author.]

Mayr, E.: *Systematics and the origin of species from the viewpoint of a zoologist.* New York, 1942.

In addition, separates have been presented by Dr. E. A. Cockayne, United States Department of Agriculture, Dr. H. Henson, Professor G. D. Hale Carpenter, M.B.E., the United States National Museum, Dr. F. van Emden, Rothamsted Experimental Station, Dr. A. da Costa Lima, Mr. H. M. Hallett, and Mr. Hugh Main.

5. Admission of Fellows.
6. Communications.

1. Dr. A. D. Imms, F.R.S.

On the life-history and affinities of *Braula*.

[Abstract.]

The eggs were found beneath the cappings of honey cells in the comb of the hive bee. The larva tunnels in the wax of the cappings and, in a badly infested hive, these tubes form a rather complex whitish network. The digestive canal

of the larva was found to contain wax and pollen grains. Pupation takes place in the larval tunnel. The pupa is apparently unique among Cyclorrhapha in that it is enclosed within the unmodified cuticle of the 3rd instar larva, no hardened puparium being formed. It is suggested that this feature is a degenerate change induced by the cessation of a particular phase of hormone activity. The imago escapes from the larval tunnel with the aid of its inflated ptilinum. The characters of the larva appear to indicate that the BRAULIDAE are more closely related to the Acalypterate family CHAMAEMYIIDAE (OCHTHIPHILIDAE) than to any other Diptera. Their imagines, on the other hand, have undergone widely divergent evolution. The old group of the Pupipara, to which *Braula* has been long assigned, does not appear to be a natural assemblage and should be discarded.

2. **Dr. B. P. Uvarov, C.M.G.**

A New Zealand Phasmid (Orthoptera) established in the British Isles.

3. Communications and exhibits the titles of which have been received since the circulation of these agenda.

Fellows are particularly requested to bring suitable exhibits to the General Meetings even though it may not be possible to announce their intention to do so before the meeting.

Tea will be served in the Library after the meeting.

NOTICE.

Fellows are reminded that systematic papers for which they are anxious to secure early publication can now be published with very little delay in *Proceedings Series B*, provided they do not exceed a length of some eight printed pages.

PROCEEDINGS OF THE GENERAL MEETING HELD ON 1ST MARCH, 1944.

Dr. E. A. COCKAYNE, M.A., M.D., F.R.C.P., President, in the Chair.

Present, 48 Fellows and 6 Visitors.

The minutes of the meeting held on 2nd February were confirmed and signed by the President.

The Secretary read the names of the following new candidates for election: R. C. Dyson, N.D.H., Major C. L. Patton-Bethune, M.C., H. Hayhurst, A. B. Hadaway, C. H. Hards, and H. S. Darling.

The Secretary announced that the following had been elected Fellows of the Society: Donald R. Arthur, M.Sc., c/o Advisory & Research Department in Agriculture, University College, Cathays Park, Cardiff; R. S. D. Balter, 18, Ferncroft Avenue, Hampstead, N.W. 3; J. J. du Bois, B.S., M.S., 205, Wayside Drive, Turlock, California, U.S.A.; N. T. Easton, 214, Worcester Road, Droitwich, Worcs.; J. W. Hancock, The Lodge, Palmer's Farm, Hawkenbury, Tunbridge Wells, Kent; Miss M. G. Hocken, Caravan, Tyringham Road, Lelant, Cornwall; N. W. Hussey, Penwarne, Stonewall Park Road, Langton, Tunbridge Wells, Kent; H. H. Patrick, 5, Marner Crescent, Radford, Coventry; A. D. A. Russwurm, 66, Kensington Park Road, W. 11; A. M. Walton, 275, Croxted Road, West Dulwich, S.E. 21; M. J. Way, Rothamsted Experimental Station, Harpenden, Herts.

Mr. G. H. Thompson and Captain John J. du Bois, B.S., M.S., signed the Obligation Book and were admitted Fellows.

Thanks were voted to donors of gifts to the Library since the last meeting.

Communications were made by Dr. V. B. Wigglesworth, F.R.S., Dr. H. E. Hinton, and Dr. L. G. Higgins, F.R.C.S., abstracts of which appeared on pp. 5–6.

In addition the President exhibited an example of homoeosis in *Psychoda phalaenoides* L., Mr. A. Roebuck an abnormal wire worm, and Mr. G. E. J. Nixon two coloured drawings of Chrysomelid beetles.

N. D. RILEY, *Hon. Secretary.*

NOTICES

ADMISSION OF FELLOWS

Any Fellow who has not been formally admitted to the Society under Chapter XIV, Section 4 of the Bye-Laws and attends the meeting on 5th April, 1944, is requested to inform the Registrar before 3.15 p.m. on that date.

THE GENERIC NAMES OF BRITISH INSECTS, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London, with the assistance of the Department of Entomology of the British Museum (Natural History):

Part 1.	Recommendations relating to the publication of the committee's reports	price 6*d.*
Part 2.	The generic names of the British Rhopalocera with a check list of the species	price 3*s.* 6*d.*
Part 3.	The generic names of the British Odonata with a check list of the species	price 3*s.* 6*d.*
Part 4.	The generic names of the British Neuroptera, with a check list of the British species . . .	price 3*s.* 6*d.*
Part 5.	The generic names of the British Hymenoptera Aculeata, with a check list of the British species	price 15*s.* 0*d.*
Part 6.	The generic names of the British CARABIDAE, with a check list of the British species . . .	price 10*s.* 0*d.*
Part 7.	The generic names of the British Hydradephaga, with a check list of the British species . .	price 5*s.* 0*d.*
Part 8.	The generic names of the British Hemiptera-Heteroptera, with a check list of the British species	price 39*s.* 0*d.*

STYLOPS, a Journal of Taxonomic Entomology.

1932–1935. Vols. 1–4 (all issued). Price £1 16*s.* 0*d.* each; to Fellows, £1 7*s.* 0*d.*

ABSTRACT OF PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1935. Nos. 1–6 (all issued). 3*s.* 0*d.*

HÜBNER: A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HÜBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming.

Price	Vol. 1.	605 pp.	£1 15*s.* 0*d.*
,,	Vol. 2.	275 pp.	15*s.* 0*d.*

The next Meeting will be held on 3rd May, 1944, **at 3.30 p.m.**

Published by THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON *and sold at its Rooms,* 41, *Queen's Gate, S.W.*7, *price* 6*d.*